

Abstract of the Invention

A dynamic bass equalization circuit has an amplitude dependent gain
5 that is dependent upon the audio electrical signal amplitude and a dynamically
adjusted frequency response that varies with the amplitude dependent gain.
In one implementation, the dynamic bass equalization circuit includes a
Sallen-Key high pass filter that includes an amplifier with a negative feedback
path. The dynamically adjusted frequency response is provided by a parallel
10 pair of reversed diodes connected in the negative feedback path.